

FIG. 2A

The cover cell needs to be rotated by 180 degrees and transformed to 0:0 for being instantiated together with the cluster cell into patch cell

	Patch cell has been instantiated back to cluster cell. The fix will be seen in the top level through cluster cell
Top cover cell is cut and transformed both cover and cluster cells are placed as instances in patch cell	Based on the existing metal in the instances, added covering metal and vias in the patch cell

FIG. 2D

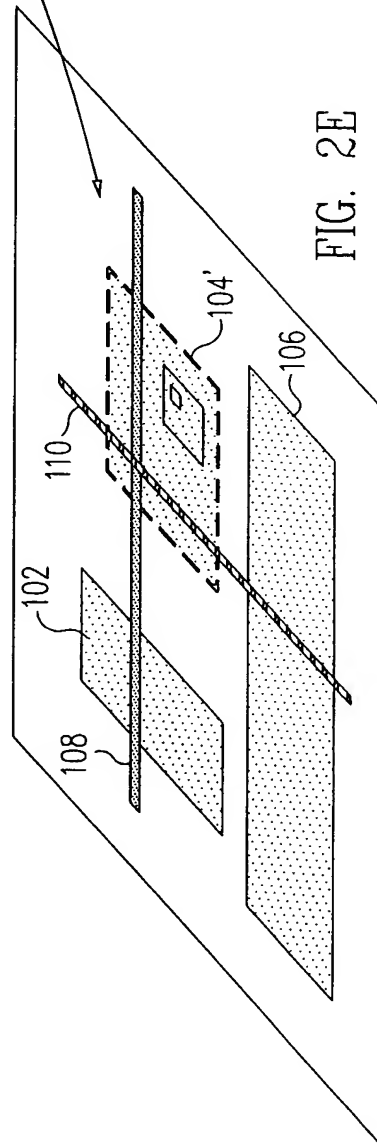


FIG. 2E